

IN THE CLAIMS

Please amend the claims as follows:

Claim 1. (Cancelled).

Claim 2. (Currently Amended) ~~[[The]]~~ A waste high-pressure fluid processing method ~~according to claim 1, comprising the steps of:~~

bringing a high-pressure fluid into contact with a processing object in a high-pressure processing vessel;

decompressing said waste high-pressure fluid accompanied with unnecessary materials on said processing object into a waste medium-pressure fluid;

refining preliminarily said waste medium-pressure fluid which is provided to a separating means including packing materials; and

dealing with ingredients obtained through the preliminary refinement, comprising the steps of:

draining liquid ingredients with said unnecessary materials out of a system, and

refining gas ingredients by an adsorbing means including adsorbents,

further comprising the additional step of providing said waste medium-pressure fluid to said separating means once after storing in a reservoir tank provided upstream said separating means.

Claim 3. (Original) The waste high-pressure fluid processing method according to claim 2, comprising the additional step of providing gas ingredients, which are obtained by dividing a part or all of said waste medium-pressure fluid stored in said reservoir tank into gas and liquid ingredients, to said separating means.

Claim 4. (Currently Amended) [[The]] A waste high-pressure fluid processing method according to claim 1, comprising the steps of:

bringing a high-pressure fluid into contact with a processing object in a high-pressure processing vessel;

decompressing said waste high-pressure fluid accompanied with unnecessary materials on said processing object into a waste medium-pressure fluid;

refining preliminarily said waste medium-pressure fluid which is provided to a separating means including packing materials; and

dealing with ingredients obtained through the preliminary refinement, comprising the steps of;

draining liquid ingredients with said unnecessary materials out of a system, and

refining gas ingredients by an adsorbing means including adsorbents,

further comprising the additional step of providing gas ingredients, which are obtained by dividing a part or all of said waste medium-pressure fluid precedently into gas and liquid ingredients, to said separating means.

Claim 5. (Currently Amended) [[The]] A waste high-pressure fluid processing method according to claim 1, comprising the steps of:

bringing a high-pressure fluid into contact with a processing object in a high-pressure processing vessel;

decompressing said waste high-pressure fluid accompanied with unnecessary materials on said processing object into a waste medium-pressure fluid;

refining preliminarily said waste medium-pressure fluid which is provided to a separating means including packing materials; and

dealing with ingredients obtained through the preliminary refinement, comprising the steps of;

draining liquid ingredients with said unnecessary materials out of a system, and

refining gas ingredients by an adsorbing means including adsorbents,

further comprising the additional step of circulating liquid ingredients, which are obtained by liquefying gas ingredients refined in said adsorbing means, in a liquefying means, back into the separating means after being pressurized.

Claim 6. (Currently Amended) ~~[[The]]~~ A waste high-pressure fluid processing method ~~according to claim 1,~~ comprising the steps of:

bringing a high-pressure fluid into contact with a processing object in a high-pressure processing vessel;

decompressing said waste high-pressure fluid accompanied with unnecessary materials on said processing object into a waste medium-pressure fluid;

refining preliminarily said waste medium-pressure fluid which is provided to a separating means including packing materials; and

dealing with ingredients obtained through the preliminary refinement, comprising the steps of;

draining liquid ingredients with said unnecessary materials out of a system, and

refining gas ingredients by an adsorbing means including adsorbents,

wherein said waste high-pressure fluid get decompressed into said waste medium-pressure fluid, according to the cases of;

the pressure of said waste high-pressure fluid being its critical pressure or more, below the critical pressure; and

the pressure of said waste high-pressure fluid being 1 MPa or more but less than the critical pressure, below the pressure thereof.

Claim 7. (Currently Amended) The waste high-pressure fluid processing method according to claim [[1]] 2, wherein said high-pressure fluid is carbon dioxide.

Claim 8. (Currently Amended) [[The]] A waste high-pressure fluid processing method according to claim 1, comprising the steps of:

bringing a high-pressure fluid into contact with a processing object in a high-pressure processing vessel;

decompressing said waste high-pressure fluid accompanied with unnecessary materials on said processing object into a waste medium-pressure fluid;

refining preliminarily said waste medium-pressure fluid which is provided to a separating means including packing materials; and

dealing with ingredients obtained through the preliminary refinement, comprising the steps of:

draining liquid ingredients with said unnecessary materials out of a system, and

refining gas ingredients by an adsorbing means including adsorbents,

wherein said high-pressure fluid is carbon dioxide, the pressure of said waste high-pressure fluid being 7.4 MPa or more, and the pressure of said waste medium-pressure fluid being 3 MPa or more but less than 7.4 MPa.

Claim 9. (Currently Amended) [[The]] A waste high-pressure fluid processing method according to claim 1, comprising the steps of:

bringing a high-pressure fluid into contact with a processing object in a high-pressure processing vessel;

decompressing said waste high-pressure fluid accompanied with unnecessary materials on said processing object into a waste medium-pressure fluid;

refining preliminarily said waste medium-pressure fluid which is provided to a separating means including packing materials; and

dealing with ingredients obtained through the preliminary refinement, comprising the steps of:

draining liquid ingredients with said unnecessary materials out of a system, and

refining gas ingredients by an adsorbing means including adsorbents,

wherein said packing materials have a specific surface area per unit volume of 200-500 m²/m³.

Claim 10. (New) The waste high-pressure fluid processing method according to claim 4, wherein said high-pressure fluid is carbon dioxide.

Claim 11. (New) The waste high-pressure fluid processing method according to claim 5, wherein said high-pressure fluid is carbon dioxide.

Claim 12. (New) The waste high-pressure fluid processing method according to claim 6, wherein said high-pressure fluid is carbon dioxide.

Claim 13. (New) The waste high-pressure fluid processing method according to claim 8, wherein said high-pressure fluid is carbon dioxide.

Claim 14. (New) The waste high-pressure fluid processing method according to claim 9, wherein said high-pressure fluid is carbon dioxide.